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TITLE: COMPOSITION FOR ORAL CAVITY

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INVENTOR-INFORMATION:

NAME

COUNTRY

MORI, SHIGEKI

MAKINO, TOMOO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

SUNSTAR INC

APPL-NO: JP04222607

APPL-DATE: August 21, 1992

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ABSTRACT:

PURPOSE: To obtain a composition for the oral cavity capable of suppressing coloring of teeth and sterilizing and removing microorganisms in the oral cavity and manifesting plaque controlling effects by blending a water-insoluble solid immobilizing an organosilicone quaternary ammonium therein with other ingredients.

CONSTITUTION: The objective composition for the oral cavity is obtained by including 0.001-50wt.% water-insoluble solid immobilizing an organosilicone quaternary ammonium therein as an active ingredient and further blending 0.01-60wt.% alcohol selected from ethanol, propanol and isopropanol for improving blending effects of the water-insoluble solid. This composition can be prepared into a dosage form such as tooth powder, a toothpaste, an ointment, a mouthwash, a pasta or a liniment. The organosilicone quaternary ammonium is applied to the water-insoluble solid (e.g. zeolite) by immersing or spraying, e.g. a solution of the organosilicone quaternary ammonium salt in a solvent according to a well-known method and immobilized by drying or heating.

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